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अति आवश्यक / महत्वपूर्ण / द्वारा फैक्स

उत्तर प्रदेश पुलिस तकनीकी सेवायें मुख्यालय,

चतुर्थ तल, जवाहर भवन, अशोक मार्ग, लखनऊ-226001

पत्रांक-टीएस / एमओडी-64 / 2014(एफएसएल)

दिनांक, मार्च, 23 2015

सेवा में,

निदेशक,

सूचना एवं जन सम्पर्क विभाग, (विज्ञापन प्रभाग),

उत्तर प्रदेश, लखनऊ।

विषय-

आधुनिकीकरण योजना के अन्तर्गत निम्नलिखित उपकरणों के कयार्थ निविदा आमंत्रित किया जाना।

महोदय,

कृपया उपर्युक्त विषयक विज्ञापन की 05 प्रतियाँ अंग्रेजी / हिन्दी में मय सी0डी0 के संलग्न कर इस अनुरोध के साथ प्रेषित की जा रही है कि उक्त नोटिस को व्यापक प्रचार-प्रसार वाले प्रमुख दैनिक समाचार पत्र हिन्दी / अंग्रेजी जैसे दिल्ली / लखनऊ / मुम्बई से प्रकाशित होने वाले दैनिक जागरण, अमर उजाला, दि प्वाइनियर, टाइम्स आफ इन्डिया तथा द न्यू इन्डियन एक्सप्रेस आदि प्रमुख समाचार पत्रों में प्रकाशित करने का कष्ट करें।

2/ इस सम्बन्ध में निविदा के विज्ञापन की स्वच्छ टंकित प्रति एवं एमएस वर्ड (फारमेट में सी0डी0) साफ्ट कापी भी वेब साइट पर प्रसारित कराने हेतु संलग्न की जा रही है।

3/ अनुरोध है कि कृपया संलग्न निविदा को प्राथमिकता के आधार पर प्रकाशित कराने का कष्ट करें।

संलग्नक-विज्ञापन की प्रति 05 प्रतियों में।

2-सी0डी0की साफ्ट कापी।

निर्गत

दि. 24-3-15

भवदीय

(डी0के0धौधरी)

पुलिस उपमहानिरीक्षक, तकनीकी सेवायें,
लखनऊ।

प्रतिलिपि-पुलिस महानिरीक्षक, प्रो0 / बजट, उ0प्र0 पुलिस मुख्यालय, इलाहाबाद को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

2-प्रतिलिपि- पुलिस अधीक्षक / सहायक निदेशक, उ0प्र0 पुलिस कम्प्यूटर केन्द्र, लखनऊ को विज्ञापित निविदा की एक प्रति एवं सी0डी0 संलग्न कर इस आशय से प्रेषित है कि उक्त निविदा को उ0प्र0 पुलिस की वेबसाइट पर भी प्रसारित कराने का कष्ट करें। संलग्नक-यथोपरि

3-प्रतिलिपि-निदेशक, एफएसएल, लखनऊ को सूचनार्थ एवं प्रचार-प्रसार एवं आवश्यक कार्यवाही हेतु।

4-प्रतिलिपि- नोटिस बोर्ड तकनीकी सेवायें, लखनऊ को चस्पा करने हेतु।

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अति आवश्यक/महत्वपूर्ण/फोन-0522-2286615

उत्तर प्रदेश पुलिस तकनीकी सेवायें मुख्यालय,

चतुर्थ तल, जवाहर भवन, अशोक मार्ग, लखनऊ

संख्या-टीएस-एमओडी-64-2014(एफएसएल)

दिनांक -मार्च, 22, 2015

निविदा

- 1- उत्तर प्रदेश पुलिस हेतु निम्न उपकरणों की सील बन्द निविदा भारतीय मैनुफैक्चरर/डीलर/रजिस्टर्ड फर्म /विदेशी मैनुफैक्चरर के अधिकृत विक्रेता से आमंत्रित की जाती है।
- 2- निविदा प्रपत्र व उपकरण से सम्बन्धित तकनीकी स्पेशीफिकेशन उत्तर प्रदेश पुलिस की वेबसाइट <http://uppolice.gov.in> से डाउनलोड किया जा सकता है। निविदा शुल्क के रूप में ₹0 300.00 का बैंक ड्राफ्ट/बैंकर चेक/एफडीआर पुलिस अधीक्षक/सहायक निदेशक, उ0प्र0पुलिस कम्प्यूटर केन्द्र लखनऊ के नाम देय होगा, जमा की जायेगी।
- 3- निविदा शुल्क किसी भी दशा में वापस नहीं किया जायेगा तथा निविदा स्वीकृत न होने की दशा में ईएमडी वापस कर दी जायेगी।
- 4- प्रत्येक टेण्डरकर्ता द्वारा टेण्डर की ईएमडी डीडी/ एफडीआर / बैंक गारन्टी के रूप में, जो पुलिस अधीक्षक/सहायक निदेशक, उ0प्र0पुलिस कम्प्यूटर केन्द्र लखनऊ के नाम देय होगा, जमा की जायेगी, जो कि गारन्टी पीरियड के समापन के पश्चात लौटाया जायेगा।
- 5- सफल टेण्डरकर्ता द्वारा कयादेश का 10 प्रतिशत सिक्योरिटी मनी के रूप में जमा किया जायेगा।
- 6- तकनीकी मुख्यालय द्वारा जनहित में किसी भी समय बिना किसी पूर्व सूचना/ कारण के टेण्डर को निरस्त किया जा सकता है।
- 7- उपकरणों की संख्या विभाग की आवश्यकतानुसार बढ़ायी जा सकती है तथा विभाग द्वारा बढ़ायी गयी संख्या को फर्म को निर्धारित अवधि में आपूर्ति करना होगा।
- 8- समस्त टैक्स सहित न्यूनतम निविदा एल-1 पर विचारा किया जायेगा।

टेण्डर संख्या	आइटम	सं०	ईएमडी0 (₹0 में)	टेण्डर डाकुमेंट का मूल्य (₹0 में)
(1) टीएस-मोड-114/2014 (एफएसएल)	लैब ऑटोमेटिक डेन्सिटी मीटर	01	1,00,000.-00.	200/-
(2) टीएस-मोड-98/14	शेकिंग वाटर बाथ(शेकर)	01	6,000-00	200/-

निविदा विक्री की तिथि
निविदा फार्म प्राप्त करने की अन्तिम तिथि
निविदा जमा करने की अन्तिम तिथि
तकनीकी भाव पत्र खोले जाने की तिथि
तकनीकी भाव पत्र पर कय समिति की बैठक
वित्तीय भाव पत्र खोले जाने की तिथि
वित्तीय भाव पत्र पर कय समिति की बैठक

28.03.2015 समय 11.00 बजे पूर्वान्ह
28.04.2015 समय 11.00 बजे पूर्वान्ह
28.04.2015 समय 02.00 बजे अपरान्ह
28.04.2015 समय 04.00 बजे अपरान्ह
29.04.2015 समय 11.30 बजे पूर्वान्ह
05.05.2015 समय 11.30 बजे पूर्वान्ह
06.05.2015 समय 2.00 बजे अपरान्ह

(डी०के० चौधरी)

पुलिस उपमहानिरीक्षक, तकनीकी सेवायें,
लखनऊ।

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/महत्वपूर्ण/द्वारा फैक्स

51

Phone/Fax No..0522-2286615

U. P. POLICE TECHNICAL SERVICES HEADQUARTERS

IVth FLOOR JAWAHAR BHAWAN, ASHOK MARG, LUCKNOW-226 001

TENDER NO.: TS-MOD-112//2014(FSL)

DATED : Mar, 23 2015

INVITING TENDER

- 1- Sealed Tenders are invited from the Indian Manufacturers/registered firms/ Authorised agent of foreign manufacturer for purchase of the following equipment for the use of U.P. Police.
- 2- The tender form and tender document for item mentioned below along with Technical specification for Item given may be downloaded from U.P. Police website <http://uppolice.gov.in> on payment of Rs. 300-00 as fee of Tender cost documents in the form of DD/Banker Cheque/FDR/ in favour of S.P.AD. Uttar Pradesh Police Computer Centre, payable at Lucknow.
- 3- Cost of tender document is not refundable, while earnest money is refundable. Tender documents will not be given on cash through Technical Head Quarter.
- 4- Each Tenderer will have to deposit an E.M.D. as mentioned against tender in the form of DD/ Banker's Cheque/FDR. in favour of S.P./AD. Uttar Pradesh Police Computer Centre, payable at Lucknow.
- 5- Successful tenderers will have to deposit a security money @ 10% of the order value, which will be returnable after expiry of warranty period.
- 6- The Technical Head Quarters may cancel the tender at anytime without assigning any reason for the same in the public interest.
- 7- The Number of equipments may be increased as per need and the increased quantity will also have to be supplied within time stipulated by the Department.
- 6- The lowest bid will be decided on the basis of total cost (inclusive of all taxes).

Tender No.	Item	Qty	EMD (in Rs.)	Cost of Tender Document (in Rs.)
(1)TS-MOD-114/2014(FSL)	AUTOMATIC DENSITOMETER	01	1,00,000-00	200-00
(2)TS-MOD-98/2014(FSL)	SHAKING WATER BATH (SHAKER)	01	6,000-00	200-00

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Start of Sale of Tender documents from
 Last date of receipt of tenders
 last date of deposit of tenders
 Date of opening of Technical Bid
 Date of Purchase committee meeting for technical evaluation
 Date of opening of financial offer
 Date of purchase committee meeting for financial evaluation

28-03-2015 at 11-00 am
 28-04-2015 upto 11-00am
 28-04-2015 upto 02-00pm
 28-04-2015 at 04-00pm
 29-04-2015 at 11-30am
 05-05-2015 at 11-30am
 06-05-2015 at 2-00 pm

(D.K. CHAUDHARY)

Dy/ Insp. Genl. Of Police, Technical Services,
 Lucknow.

U. P. POLICE TECHNICAL SERVICES HEADQUARTERS

Phone/Fax No..0522-2286615

IVth FLOOR JAWAHAR BHAWAN,ASHOK MARG,LUCKNOW-226 001

TENDER NO.:TS-MOD-112//2014(FSL)

DATED : Mar, 20 2015

INVITING TENDER

- 1- Sealed Tenders are invited from the Indian Manufacturers/registered firms/ Authorised agent of foreign manufacturer for purchase of the following equipment for the use of U.P.Police.
- 2- The tender form and tender document for item mentioned below along with Technical specification for Item given may be downloaded from U.P. Police website <http://uppolice.gov.in> on payment of Rs. 300-00 as fee of Tender cost documents in the form of DD/Banker Cheque/FDR/ in favour of of S.P.AD. Uttar Pradesh Police Computer Centre, payable at Lucknow.
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- 5- Successful tenderers will have to deposit a security money @ 10% of the order value, which will be returnable after expiry of warranty period.
- 6- The Technical Head Quarters may cancel the tender at anytime without assigning any reason for the same in the public interest.
- 7- The Number of equipments may be increased as per need and the increased quantity will also have to be supplied within time stipulated by the Department.
- 8- The lowest bid will be decided on the basis of total cost (inclusive of all taxes).

Tender No.	Item	Qty	EMD (in Rs.)	Cost of Tender Document (in Rs.)
(1)TS-MOD-112/2014(FSL)	Audio Analysis System	01	2,00,000-00	300-00

Start of Sale of Tender documents from
Last date of receipt of tenders
Last date of deposit of tenders
Date of opening of Technical Bid
Date of Purchase committee meeting for technical evaluation
Date of opening of financial offer
Date of purchase committee meeting for financial evaluation

28-03-2015 at 11-00 am
28-04-2015 upto 11-00am
28-04-2015 upto 02-00pm
28-04-2015 at 04-00pm
29-04-2015 at 11-30am
05-05-2015 at 11-30am
06-05-2015 at 2-00 pm

(Mohit Agarawal)

Inspr.Genl. Of Police,Technical Services,
Lucknow.

TS - MOD - 114/2014

9

Specification for Densitometer

- (1) Instrument should determine density, Sp. Gravity of beverages , petroleum samples and other forensic samples.
- (2) System should be capable to determine direct alcoholic strength in Beers, Wines, Spirits and sugar based liquors without need for sample distillation.
- (3) Density measuring accuracy should be $+ 0.0001 \text{ g/cc}$.
- (4) Alcohol measurement repeatability, s.d. $0.01 \% \text{ v/v}$
- (5) Measuring temperature control by built-in Peltier thermostat temperature range: 0°C to 95°C
- (6) Instrument should only require simple adjustment with air/water and occasionally water/ethanol solution.
- (7) Instrument should use selective alcohol measurement NIR measuring method for product-independent adjustments.
- (8) Instrument should be equipped with 4 x USB, Ethernet, VGA, CAN, RS-232 interfaces.
- (9) System should be equipped with preinstalled built-in sample changer.
- (10) Measurement of up to 24 samples in one cycle where one sample is displaced by the other.

[Signature]
18/2/15

[Signature]
10/2/15
Ddchay

सं. नि. १
प्र. १

TS-MOD-98/204

35

INSTRUMENT FOR D.N.A. UNIT

SHAKER WATER BATH

SPECIFICATIONS:

1. Shaker water bath with stainless steel body of dimension 700X350X260 mm.
2. Advanced microprocessor controlled temperature regulation.
3. System should have temperature range from 20°C to 99°C with temperature stability range $\pm .1^{\circ}\text{C}$ to $.2^{\circ}\text{C}$.
4. Multi display (LED) indicating temperature and setting display.
5. Seamless splash proof keyboard.
6. System should have heating capacity 2 kW.
7. System should have shaking frequency from 20 rpm to 200 rpm shaking amplitude 15mm to 25 mm.
8. System should have carrier tray, suitable test tubes, racks and additional rack for 15ml and 50ml tubes.
9. Provision for drainage.
10. System should be quoted as complete with all necessary accessories to run the system properly at the time of installation.

A.K. Dwivedi
21/2/15
(A.K. Dwivedi)

Rajiv Paliwal
20/02/15
(Rajiv Paliwal)

Raj Kumar
25/2/15
(Dr. Raj Kumar)

वसूला करने हेतु।

प्रसार एवं आवश्यक कार्यवाही

वसूला

Voice Analysis System

(A)-Analysis System

Part-1

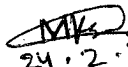
- It Should be acoustic analysis system with hardware for data acquisition, complemented by the most versatile suite of software available for speech analysis, teaching, research, voice measurement, clinical feedback, acoustic phonetics, and forensic work.
- Free and low-cost acoustic analysis software that works with a computer's sound card is available,
- Hardware designed to recording, and the sampling rate of the typical sound card is not precise.
- Filtering may modify the signal that is captured, and there is commonly crosstalk between channels.
- Because voice analysis requires the measurement of a very small amount of noise or perturbation, it is critical to have professional-level hardware for signal acquisition.
- It should captured signal is truly an accurate representation of the voice.

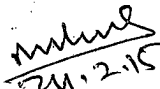
(B) Main Hardware-- Computer Interface : Half size PCI card


- Complete System
- Data acquisition module
- Audio device (interface card)
- Speaker
- Microphone
- Headphones
- Connection cables
- Adapter for EGG input
- Main Program software
- Manual and instructions
- Capture and play with any sampling rate

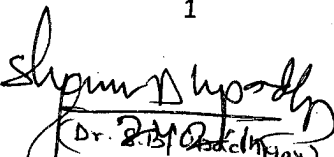
(C)-Hardware Interface

- 1-XLR microphone inputs for superior noise suppression
- 2- Two or 4-line input channels for multiple signal acquisition
- 3-Output to a professional level speaker for high-fidelity Playback
- 4-Stereo headphone output
- 5-Medical-grade power supply
- 6-Calibrated input for real-world amplitude measures (dB)
- 7-DC coupling for low-frequency signals
- 8-Convenient control of input and output levels


24.2.15
(Manoj Kumar)
SA FSLUP LKO


24.2.15
(M. C. Sharma)
8SA FSLUP LKO


24.2.15
(SHYAM SUNDER)
SO. FSLUP LKO


24.2.15
(Dr. B. B. Choudhary)
DIR. FSLUP LKO

(D)-Hardware Interface working

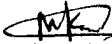
- 1-channel input -Up to eight channels of data in which Four channels provide the ability to collect more signals simultaneously both for research and clinical applications.
- 2-AC coupled - AC coupling removes low-frequency components for improved signal quality. DC inputs are used for low-frequency data signals such as EGG.
- 3-Sampling rates -8,000 – 50,000 Hz Higher sampling rates allow for analysis of higher frequency signals for researchers in certain applications (e.g., bioacoustics).
- 4- Complete suite of features for each analysis and editing command as Read and write to computer speech or .wav file format ,Complete IPA symbols
- 6-Editing includes cutting, pasting, digital filtering, and appending
- 7-Complete online Help and tutorial
- 8-Analysis includes multiple pitch extraction methods, pitch-synchronous LPC, glottal event markers, FFT, formant history, spectrogram, energy, etc.
- 9-Logging of cursor values
- 10-Macros to repeat operational steps
- 11- Learn mode to memorize steps Tags, storable with signal
- 12- All 32-bit, MDI-compliant for fast operation


(E) Recording Devices


- Signal Enhanced Software
- Audio Authenticate software
- Recording device With Data Workstation
- Micro Cassette Player
- High Quality Should Be Played

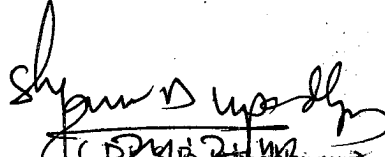
(F)Software Features for Single and Multi voice samples

- Analysis-Synthesis Signals
- Applied Speech Science for Dysarthrias
- Applied Speech Science for Voice & Resonance Disorders
- Auditory Feedback Tools
- Disordered Voice Database and Program
- Games
- Motor Speech Profile
- Multi-Dimensional Voice Program (MDVP)
- Neuroscience for Human Communications
- Palatometer Database
- Phonetic & Perception Simulation Programs
- Phonetic Database
- Real-Time EGG Analysis


24-12-15
(Manoj Kumar)
SA, FSLUP LKO


24-12-15
(M. C. Sharma)
SSA, FSLUP LKO

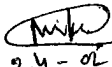

24/12/15
(SHYAM SUNDER)
SG FSLUP LKO

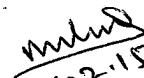

(SHYAM SUNDER)
DIR, FSLUP, LKO

- Real-Time Pitch
- Real-Time Spectrogram
- Respiration, Phonation and Prosody Simulation
- Signal Enhancement Program
- Articulation: Animation of Muscle Vectors
- Video Phonetics Program and Database
- Capture and play with any sampling rate
- Up to eight channels of data
- Read and write to Ccomputer speech or .wav file format
- Complete IPA symbols
- Editing includes cutting, pasting, digital filtering, and appending
- Complete online Help and tutorial
- Analysis includes multiple pitch extraction methods, pitch-synchronous LPC, glottal event markers, FFT, formant history, spectrogram, energy, etc..
- Logging of cursor values
- Macros to repeat operational steps
- Learn mode to memorize steps
- Tags, storable with signal
- Complete suite of features for each analysis and editing command
- All 32-bit, MDI-compliant for fast operation
- Analysis-Synthesis work
- Applied Speech Science for Dysarthrias
- Applied Speech Science for Voice & Resonance Disorders
- Auditory Feedback Tools
- Disordered Voice Database and Program
- Games
- Multi-Dimensional Voice Program
- Neuroscience for Human Communications
- Palatometer Database
- Phonetic & Perception Simulation Programs

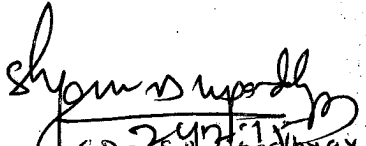
(G)Phonetic Database

- Real-Time EGG Analysis
- Real-Time Pitch
- Real-Time Spectrogram
- Respiration, Phonation and Prosody Simulation
- Signal Enhancement Program
- Speech Articulation: Animation of Muscle Vectors
- Video Phonetics Program and Database
- Acoustic files Data base library over 4000 or more
- Different languages of world
- Quick access to any example
- Ideal for teaching acoustic phonetics


24-02-15
(Manoj Kumar)


24-02-15
(M. C. Sharma)

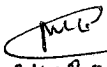

24/2/15
(SHYAM SUNDER)

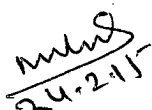

24/2/15
(Dr. S. B. Padhyay)


- Full-featured program for complete analysis
- IPA transcription for large sample of files
- Applied Speech Science for Dysarthrias
- Applied Speech Science for Voice & Resonance

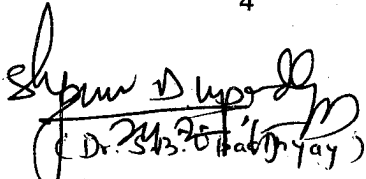
(H)Feedback Tools

- Auditory Feedback Tools
- Disordered Voice Database and Program
- Multi-Dimensional Voice Program
- Neuroscience for Human Communications
- Palatometer Database
- Phonetic & Perception Simulation Programs
- Phonetic Database
- Real-Time Analysis
- Real-Time Pitch
- Real-Time Spectrogram
- Respiration, Phonation and Prosody Simulation
- Signal Enhancement Program
- Speech Articulation: Animation of Muscle
- Vectors
- Video Phonetics Program and Database
- Voice Range Profile Program
- Measurement
- Built-in protocols to perform common clinical evaluation and biofeedback tasks
- Comprehensive graphic and numerical information for reports
- True real-time performance with pitch extraction for each glottal pulse
- Extensive analysis capabilities to compare two speech samples
- Signal Enhancement Program
- Speech Articulation: Animation of Muscle
- single-screen mode
- Deal for biofeedback, previewing signals for analysis, and teaching speech science
- Full-featured adjustment of all spectrogram parameters
- All windows are sizable and movable before, and after, analysis


24-2-15
(Mangikumar)
SA FSLUP LKO


24-2-15
(M.C. Sharma)
SSA FSLUP LKO


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(SHYAM SUNDER)
SO. FSLUP. LKO

4

(Dr. S.B. Babbar)
DIR. FSLUP. LKO

CCTV Footage Analysis Software

Part-2

Specifications-----

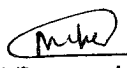
- 1.A single complete set of tools designed from top to bottom for forensic and security professionals: all needed functions in one software package for both static image and video.
- 2.Tools to target any type of data, from CCTV recordings and dash cam video to crime scene digital photos and fingerprint enhancement.
- 3.Support for any image and video format without additional expensive format tools and filters. It is ready to work, straight from the box.
- 4.With more than 60 different filters included as standard to enhance and analyze images and videos, Five is both budget friendly and a complete package. no any requirement of third party software or plug-ins .
- 5.One uniform user interface. Work in the same way with single images, sequences of images and videos.
- 6.Everything is done in real time. Dramatically reduce time and effort with the ability to modify any parameter of any operation in any order; the results can be seen immediately. Even while playing a video file.
- 7.Built-in security and robust file authentication to detect any tampering or unauthorized modifications or changes so that all evidence is secure.
- 8Automatic report generation, including the sequence of all operations applied to all files, the used parameters and a detailed description of their usage and implementation.
- 9.Available in multiple languages Working.
- 10.Five will work with your platform. Because Five is compatible with standard PCs (all Windows versions), the time and cost to deploy are minimal. As hardware standards change quickly, Five does not bind you to a platform that will soon be obsolete. Softwares must shows a clear advantage over competitors in cost effectiveness in budget analysis based on total life-cycle cost.


General Features


- Uniform user interface and workflow: Load, save, process, analyze in the same way for single images, sequences of pictures, or videos.
- Instant results: add, configure, move, and modify an unlimited number of filters, in real time even while playing video.
 - Intelligent and repeatable: automatically apply the same filters sequence to different files to avoid resetting all filters for different images from the same source or environment.
 - Apply the filters only to a region of interest of the image, or select frames of interest in a sequence.
 - Flexibility with technology: choose between classical standard techniques or latest state-of-the-art algorithms.
 - Precise control over images: operate with pixel level precision on selections and measurements on images.
 - Document evidence that wins: It can automatically generate detailed reports so that the investigations process is clearly documented.

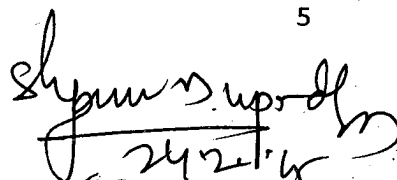
Contd.on-----

5


29-2-15
(Mangikumar)
SA, FSLUP LKO


24.2.15
(M.C. SHARMA)
SSA, FSLUP, LKO


24/2/15
(SHYAM SUNDER)
SO, FSLUP, LKO


24.2.15
(Dr. B. V. Badhyai)
DIR, FSLUP, LKO

Key Formats: Compatible with All Standard File Types

- Load image files from the most common formats, such as bitmap, jpeg, tiff, targa, jpeg2000, png.
- Load video files from almost any digital format, sourced from NTSC, PAL and almost any other system such as mobile phones and internet content; users can decode most video formats by using internal libraries and codecs. Its internal library allows decoding even if your system does not have the required codecs installed.
- Convert a sequence of static images to present and control as if it were video. Transcode video to a different format or transform it into a sequence of images or vice versa.
- Multiple video frames may be selected in either a consecutive or random sequence.

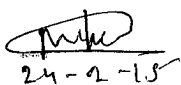
Image Editing Functions

- Standard image editing features allow the user to instantaneously apply basic editing functions such as crop, flip, color to grayscale conversions, channel extraction, zoom and image rotation.
- Correct geometric distortions caused by wide angle lenses. It can also allow the user to convert images taken from an omnidirectional camera to a panoramic format.
- Correct the perspective in order to see the picture of the scene from a different angle.
- Resize the image with advanced algorithms, which ensures a higher definition than would be obtained with common interpolation algorithms used in other software.
- Convert interlaced videos into progressive ones without loss of information.
- Improve contrast and brightness manually, adjusting intensity curves, or speed workflow with automatic enhancement algorithms.
- Analyze images with various threshold and edge detection filters.
- Measure real world distances, heights, and lengths from images or video frames using Five's advanced measuring tool.

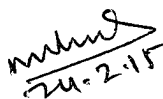
Image and Video Filtering Functions

- Improve image details (unsharp masking, rational sharpening).
- Reduce noise (averaging, Gaussian, median, bilateral, rational smoothing filters).
- Apply custom kernel filters.
- Reduce compression artifacts with deblocking algorithm.
- Remove interferences or image background (such as banknote watermark) with Fourier Filter.

- Correct optical and motion blur resulting from fast movement or lack of focus.
- Remove noise from a video with temporal smoothing and frame integration.
- Improve shaking video with image stabilization.
- Correct and modify the camera viewpoint in different frames with perspective alignment
- automatic report generation
- more advanced image processing functions for video surveillance
- filters useful for more specific cases, such as crime scene photos and fingerprints • measuring functions


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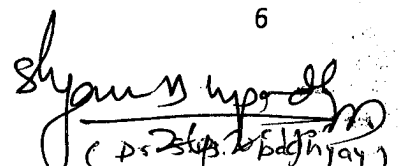
(Manj Kumar)
SA FSLUP, LKO


24-2-15

(M.C. Sharma)
SSA, FSLUP, LKO


24/2/15

(SHYAM SUNDER)
SO, FSLUP, LKO

6

(D.R. FSLUP, LKO)
DIR, FSLUP, LKO.

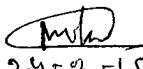
me of Equipment : LAB WORK STATION


Specification-


1-TABLE TYPE = 01 (Four in numbers)

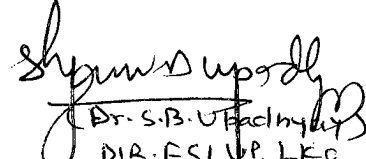
Each table contains

- (a)-One side three drawers and other side cup boards with two self,
 - (b)-Table top -Approx.19 mm Granite black,colour made of with 19 mm board
 - (c)- Draws made by 19mm board with cup board and with haminated.
 - (d)- Structure in teak wood frame teak finish
 - (e)- Mica and teak with colour polishing as required of high standard.
 - (f)- Size= 6'(L)×2'6"(W)×30"(H)
 - (g)- Legs space = 3"× 3"
 - (h)- Wooden one slab between two draws and upon footrest.
 - (i)- Assembled and pre inspection of material required.
- 2- STOOLS TYPE= 01 (eight in numbers)
- (a)- Stool With 4 Legs with footrest enable of height 65 cm and 45 cm respectively.
 - (b)- Stools four legged cushioned with foam and round pipe with footrest enamel painting and Black high quality Raxin Cushion


24-2-15
(Manoj Kumar)
SA FSL Lko


24-2-15
(M.C. Sharma)
SSA FSLUP Lko


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(SHYAM SUNDER)
SO. FSLUP. LKO


24.2.15
(Dr. S.B. Upadhyay)
DIR. FSLUP. LKO.

LaserJet Pro Color Printer -----01 nos

Black speed : 16 PPM, Color speed : Upto 4 PPM, Function : Print Only

Technical specs

GENERAL

Print technology	4-pass color laser
Duty cycle (monthly, A4)	Up to 15,000 pages
Duty cycle (monthly, letter)	Up to 15,000 pages
Print colours	Yes
Mac compatible	Yes

PRINT

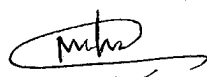
Print speed black (normal, A4)	Up to 16 ppm
Print speed black (normal, letter)	Up to 17 ppm
Print speed color (normal, letter)	Up to 4 ppm
Duplex printing	Manual (driver support provided)
Paper handling	
Paper trays, maximum	1
Paper trays, standard	1


MACHINE DIMENSIONS & WEIGHT

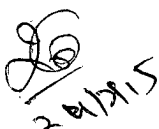
Package weight	13.4 kg
Cable included	Yes, 1 USB cable
What is in the box	HP Colour LaserJet Pro CP1025 Printer; introductory HP LaserJet Black, Cyan, Yellow, Magenta print cartridges (pre-installed); Imaging drum; CDs containing software and electronic documentation; Documentation (Install Guide, Support flyer, Warranty guide); power cord; USB cable
Warranty	1 Year Next Business Day Exchange Support

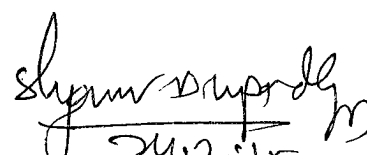
Environmental

Storage temperature range	-20 to 40° C
Storage humidity	10 to 95% RH
Operating temperature range	15 to 32.5° C
Operating humidity range	10 to 80% RH
Operating humidity range	20 to 70% RH


24.02.15
(Mangi Kumar)
SA FSLUP Lko


24.02.15
(M. C. Sharma)
SSA FSLUP Lko


24/2/15
(Snyam Sunder)
SO. FSLUP Lko


24.2.15
(Dr. S. B. Upadhyay)
DIR. FSLUP Lko.

INFRA STRUCTURE

Air-conditioning

- 1- Approximate volume of two rooms =200 cubic meter
- 2- Antibacterial
- 3 - Stabilizer supported
- 4 -Split type
- 5-Required cables
- 6- Falls ceiling 60 square meter
- 7- Sound Proofing and dust free environment in 200 cubic meter
- 8- Allied compatible equipment
- 9- Experts Training (On site)

M.K.
24-02-15
(Manoj Kumar)
SA FSL LKO

M.K.
24-2-15
(M.C. Sharma)
SSA FSL LKO.

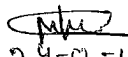
S.S.
24.2.15
(Shyam Sunder)
SO.FSLUP LKO

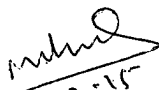
Shyam Sunder
24.2.15
(Dr. S.B. Upadhyay)
DIR-FSLUP, LKO


Computer work station-----01 nos

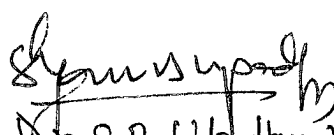
Sl no Technical Specification

1. Intel i7, Quad Core Processor (2.4 GHz or higher)
2. 16 GB DDR 3 RAM
3. 2 X 256 GB Solid State Drive
4. 1 x 1.0 TB - Data Drive
5. 22" LCD Monitor x 2
6. At least 2 GB Graphics Supporting Card
7. 4 USB Ports
8. Wireless Keyboard & Mouse
9. 4 Removable Drive Bays
10. Windows 7 Operating System or higher
11. Integrated Hardware Write Blocker for IDE/SATA/SAS/USB/LAPTOP Drives
12. Fire wire Card
13. Forensic Multi Card Reader
14. Should be provided with toolbox containing Adopters & Cables to image and process Internal /External Drives, screw driver set consisting of bits for opening computer enclosures that may have been locked down.
15. 5 KVA UPS online with 8 Hours backup
16. Minimum 2 years onsite warranty
17. Onsite training to be provided along with guide and operating manual


24-02-15
(Manoj Kumar)
SA FSL LKO


24-2-15
(M.C. Sharma)
SSA FSL LKO


24/2/15
(Shekhar Sander)
S.O. FSLUP. LKO


24-2-15
(Dr. S.B. Upadhyay)
DIR. FSLUP. LKO

6

PHONE/FAX-(0522)2286615

U.P. POLICE TECHNICAL SERVICES, HEAD QUARTERS,

IVth FLOOR, JAWAHAR BHAWAN, ASHOK MARG, LUCKNOW-226001

GENERAL TERMS AND CONDITIONS FOR TENDERS

The details of specifications & instructions are to be followed strictly in accordance with the tender notice.

1 - The tendering firms are requested to submit the offer in TWO PARTS. The First Part will be named as Technical Offer & the Second Part will be called as Financial Offer. **The technical offer as well as financial offer are to be prepared separately for each tender.** BOTH TECHNICAL OFFER AND FINANCIAL OFFER PROPERLY SEALED IN SEPERATE COVERS, MUST BE KEPT IN ONE BIG ENVELOPE AND SEALED. ON EACH COVER INDICATE CLEARLY THE TENDER NO. _____ ITEM AND DATE _____ OPENING DUE ON _____. DO NOT QUOTE RATES IN THE TECHNICAL OFFER, OTHERWISE THE TENDER WILL BE REJECTED.

2- check list duly filled and signed with stamp must be submitted by the bidder.

2 - After submission of tender any addition, alteration or change in any offer shall not be acceptable.

3 - All the enclosures should be valid on the date of opening of the tender.

4 - If any cutting/ corrections, it should be properly attested by the tenderer.

5 - Earnest money (as mentioned in tender advertisement in news papers) has to be deposited **FOR EACH ITEM SEPARATELY** along with the Technical Offer in the form of **Fixed Deposit of Scheduled Bank** in the name of Superintendent of Police/ Asstt. Director, Uttar Pradesh Police Computer Center, payable at Lucknow,. Offers without earnest money will be ignored. If any firm is exempted from furnishing earnest money, enclose government orders. If government order is not submitted by the tenderer his tender will not be considered.

6 - It shall be the responsibility of the tendering firms to present themselves on the dates of opening of Technical & Financial offers and acquaint themselves with the short comings in the tender if any. No separate intimation will be sent to them in this regard.

7- Authorized Agent/ Dealer / Supplier/ Distributor should submit a self attested valid certificate of authority of their Principal/ Manufacturer. Manufacturer should attach a proof of which being so. Authorization is not necessary for Kits, Chemicals, Glassware, General Apparatus, Lab work station, furniture .

8 -Tenderer / Authorized person who shall sign the offer and all the enclosures submitted by them should have signature with their designation, seal and date.

9 - Quoted equipments should be complete working system with all necessary accessories including stabilizer / UPS, cables, wires etc. to run the system properly at the time of installation.

10 - Clearly mention installation requirements in the technical offer. Only space and electrical points will be provided at the time of installation. Installation of the supplied equipments shall be completed within 30 days from the date of receipt of equipment in this laboratory, failing which equipments costing up to Rs.5 lacks, penalty of Rs.100-00 per day and for every additional 5 lacks Rs.100-00 per day may be charged.

11- On Site Comprehensive Warranty of the equipments will be TWO YEARS on parts and labour or as specified below the specifications in the tender form from the date of supply and successful installation. Warranty of consumables and glass wares will be one year or as per their shelf life. Maintenance work of the supplied equipments shall be done by the supplier firm during warranty period.

12 - During warranty period, in case of local service centers complaints should be attended Next Business Day and in case of out station service centers complaints should be attended with in 7 days, failing which equipments costing up to Rs.5 lacks penalty of Rs.100-00 per day and for every additional 5 lacks Rs.100-00 per day may be charged.

13 - Supply is to be executed as mentioned in the purchase order. Officer who is issuing purchase order can permit extra time on his discretion. If after making purchase agreement, any tenderer fails to supply goods of desired quality and quantity within 30 days in case of indigenous supply and 60 days in case of foreign supply, supply order may be cancelled and Security Money/Earnst money deposited by tenderer may be forfeited.

14 - Attach list of organizations to which the equipments have already been supplied and performance reports obtained from them with the technical offer.

15 -The items quoted should be of repute / standard brand. The tenderer should mention full particulars about the brand name, make, model, manufacturer and detailed specifications of the material offered by them with printed literature.

16 -Technical details as per tender specifications or their compatibility with the tender specifications shall be clearly mentioned in the technical offer.

17 - Firms shall quote in Indian Rupees and they must enclose (i) Self attested photocopy of valid U.P. Trade Tax Registration / Central Sales Tax / VAT Registration / latest Clearance Certificate (ii) photo copy of PAN / TAN no. (iii) Bank account no., name of bank and branch.

18 - The tenderer is required to submit an affidavit on 10 rupees stamp paper stating that :

(1)there is no dispute between the tenderer and state Govt./UP Police.

(2) the tenderer has no link with Mafia or some unsocial elements or organized crime.

19 - Quote rates including packing, forwarding, insurance, installation FOR destination any where in U.P. excluding all taxes and duties. However VAT, Entry Tax, other taxes and levies etc., should be mentioned separately.

Rates should be quoted in two parts: 1- Cost of equipment with Two years on site comprehensive warranty, 2- Year wise charges for on site comprehensive annual maintenance contract from 3rd year to 5th year.

20 - After the receipt of goods in Forensic Science Laboratory, U.P., as specified in the purchase order(any district of U.P.), installation where needed shall have to be carried out by the firms at the required places within Uttar Pradesh.

21 - Any conditional discount on quantity basis (different discounts for different quantities) shall not be acceptable and such offers shall be rejected out rightly. However, unconditional discount given on quoted price on whole quantity, mentioned in financial offer only be acceptable.

22 - THE Technical Headquater RESERVES THE RIGHT TO ACCEPT OR REJECT ANY TENDER, EITHER IN PART OR FULL, WITHOUT ASSIGNING ANY REASON THERE OF.

23 - Firms must come prepared to demonstrate their goods in Forensic Science Laboratory, U.P., Mahanagar, Lucknow – 226006, on the next date of opening of technical bid. Demonstration will be asked if required, failing which tender will be rejected.

24 - The Technical Headquater has right to accept any lower or higher rates of the tenders without assigning any reason.

25- The validity of the rates should be at least for six months from the date of opening of the tender.

26 - In case of imported goods, foreign manufacturers can directly quote their rates but after sales service will be provided by their Indian Branch/ Agent. Name of trained engineers and details of service facilities available should be mentioned in technical offer.

27 - If Indian agents are quoting on behalf of foreign manufacturers/ Principals then self attested valid authority letter from them should be submitted along with the technical offer. Rates should be quoted in FOB as well as CIF Value at New Delhi air port.

28 - Tenderer have to accept one of the following payment terms:

OPTION-A: ON CAD TERMS i.e. 100% payment by Swift/ Wire Transfer to tenderer's Bank Account upon submission of required documents together with certificate of acceptance of equipment by the end-user's Department/Consignee to release 100% payment to the supplier.

OPTION-B: On LC Terms i.e. Letter of Credit for 100% value of the purchase order shall be established. Payment shall be released to the supplier by the Bank upon submission of documents to the bank by the beneficiary together with certificate of acceptance of equipment by the end-user's Department/Consignee after its installation. Bank charges in India shall be born by us whereas all bank charges in the foreign country, including confirmation charges of Letter of Credit, shall be to the account of the supplier.

29 - It will be the responsibility of the Indian agent of foreign principal to clear the consignment from customs and deliver it to Forensic Science laboratory, Lucknow/Agra/Varanasi as specified in the purchase order. The Indian Agent would bear the custom clearance charges (except custom duty), transportation charges, octroi etc. for supply of the goods to F.S.L. Lucknow/Agra/Varanasi.

30 - Forensic Science Laboratory, U.P., has to pay concessional customs duty . Custom duty at concessional rate certificate will be provided by FSL.

31 - Successful Tenderer will deposit 10% of the cost of equipment in India as security money and sign a purchase agreement within 7 days after receipt of purchase order on Rs. one hundred non judicial stamp paper at their own cost. Draft of purchase agreement shall be enclosed with the purchase order. Purchase order to the firms, who fail to execute the agreement shall be cancelled and EMD deposited by them shall be forfeited. **Owner/partners of the firm /authorized person** will sign purchase agreement. All signatures should be attested by notary. (authorized person will attach authority letter of owner / partners of the firm.)

32- Security Money will be in the form of Fixed Deposit of Scheduled Bank in the name of Superintendent of Police / Asstt. Director , Uttar Pradesh Police Computer Center, payable at Lucknow, or in the name of tenderer and pledged to Superintendent of Police / Asstt. Director, Uttar Pradesh Police Computer Center, Lucknow, which will be returned after expiry of warranty period.

33 - After thorough examination if the equipment delivered is found defective and unserviceable , it is to be replaced with new one within 30 days in case of indigenous items and 90 days in case of imported items. The expenditure incurred on this account will be borne by the "Supplier Firm". In case of inability to do so, the total cost of the equipment shall have to be refunded by the firm to the government of U.P.

34 - Bill to be submitted in triplicate by the firm in the name of Dy. Inspector General of Police, U.P. Police Technical Services, Head Quarters, Lucknow. Normally payment of bill will be made within 30 days but in case of delay no interest will be paid.

35 - Special Terms and conditions if any for any particular equipment has been mentioned below the specifications of the equipment in the tender form.

36 - If any item is on D.G.S & D/ D.I. rate contract enclose copy of rate contract along in the technical offer.

37 -Tendering firms will also impart hands on training for the supplied equipments wherever necessary free of cost.

38- Due to continuous research and developments and introduction of new models tendered can supply upgraded model at the same quoted price with permission of the department.

39 - Tendering firms should ensure that they will make available consumables, spares and services for equipments at least for ten years from the date of supply and installation.

40 - If supplier is unable to supply consumables, spares and services for ten years, he has to take back the supplied equipment and replace it by upgraded version free of cost.

- 41 - Supplier firm will provide driver software for new operating systems free of cost for ten years.
42 - Tenders received after the due date and time or incomplete tenders will not be accepted. This office will not be responsible for postal delay.
43 - Conditional tenders will not be accepted.
44 - If any firm will be defaulter of any terms and conditions given above the undersigned has right to deduct the part or full amount of the Earnest money/ Security money deposited by the firm, firm may be black listed and legal action may be taken.
45 - All disputes will be subject to jurisdiction of court at Lucknow only.

Following declaration form duly filled in and signed should be submitted along with the technical offer failing which tender will be rejected.

(D.K. Chaudhary)
Dy. Insp. Genl. OF POLICE, TECHNICAL SERVICES,
U.P. Police Technical Services, Lucknow

DECLARATION

I, (name of authorized representative)----- Son of-----
-----of M/S (Name of firm)-----
-----have read all the rules of tender (1 to 45) given above. These are acceptable to our firm.
Earnest Money in the form of Fixed Deposit of scheduled bank Rs.----- (in words)-----
----- in favors of "Superintendent of Police / Asstt. Director, Uttar Pradesh Police
Computer Centre, payable at Lucknow is enclosed herewith.

PLACE: -----

DATE:-----

(Signature and seal)